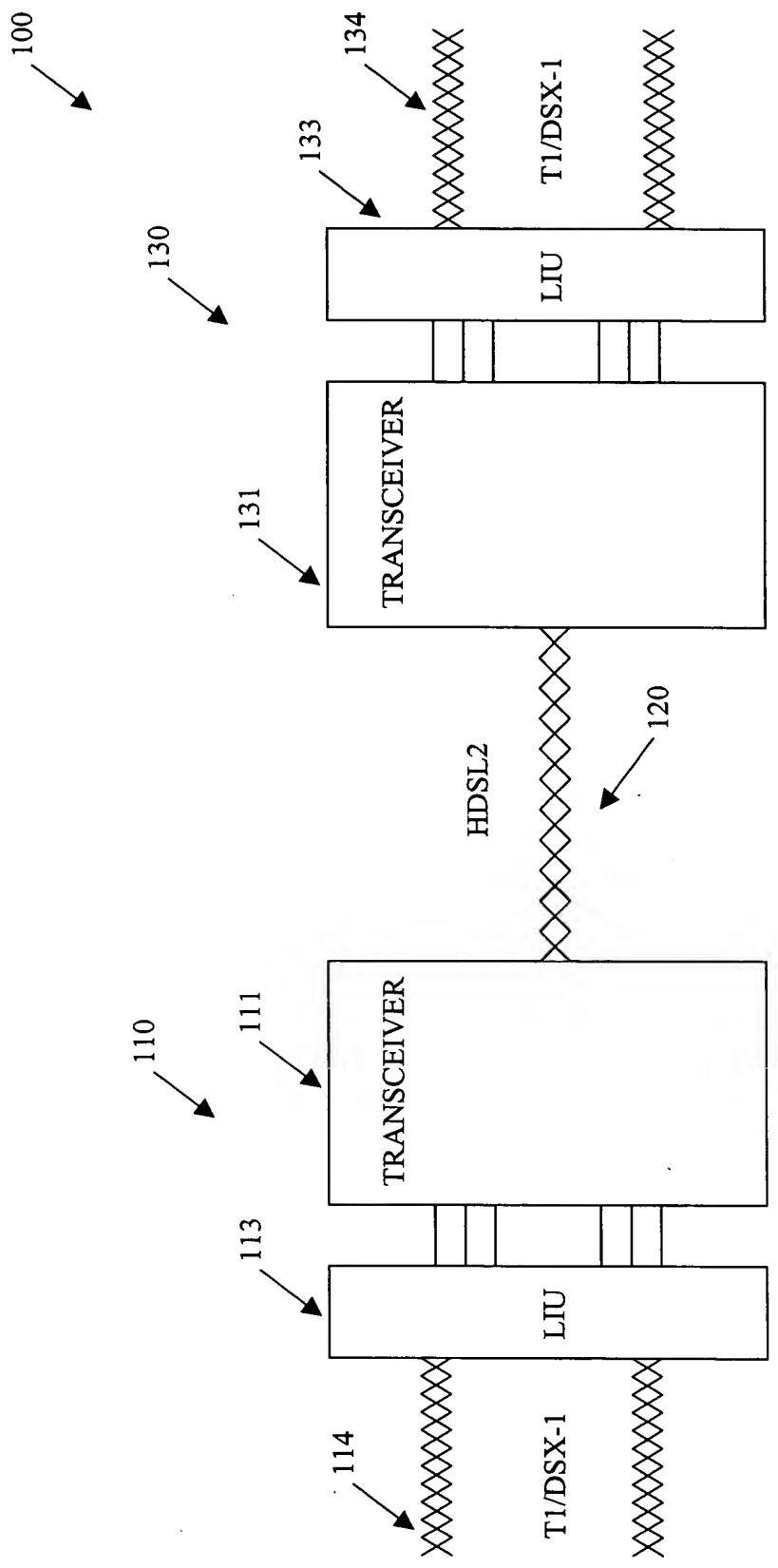


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CENTRAL OFFICE

REMOTE TERMINAL

FIGURE 1

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200

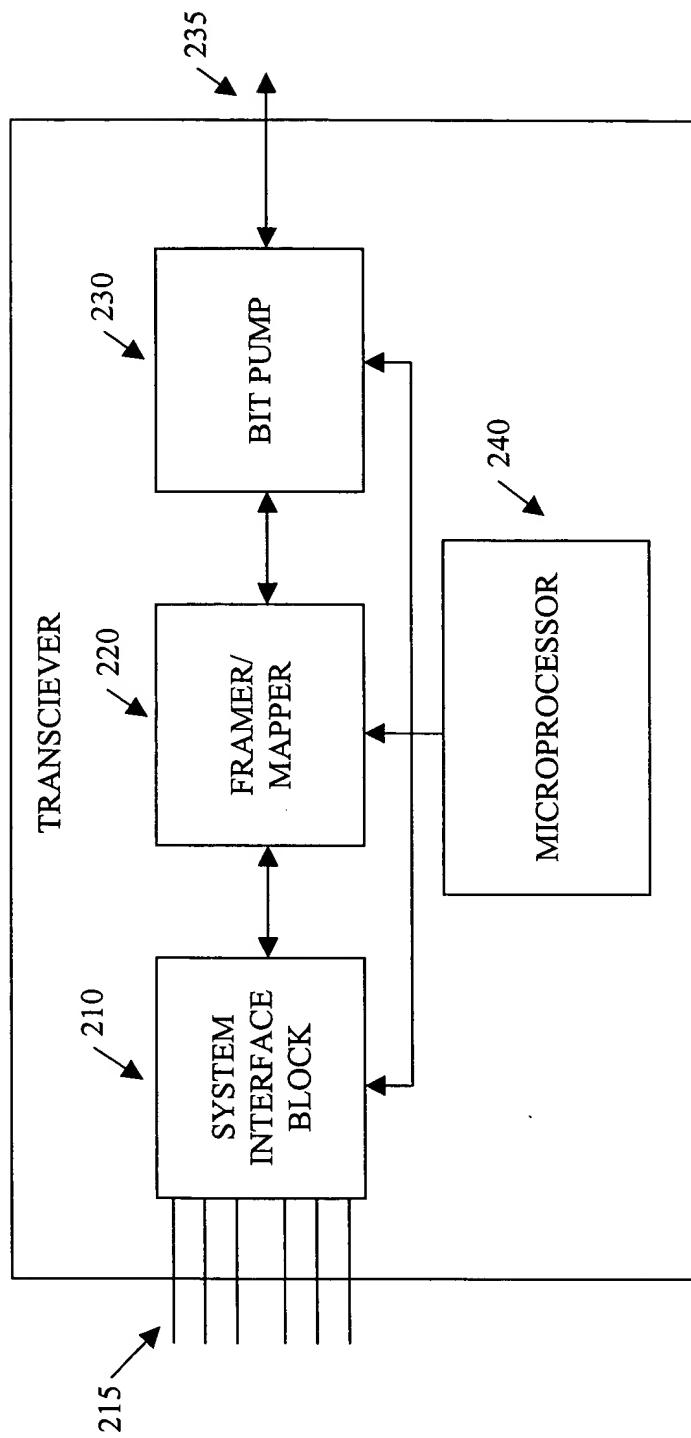
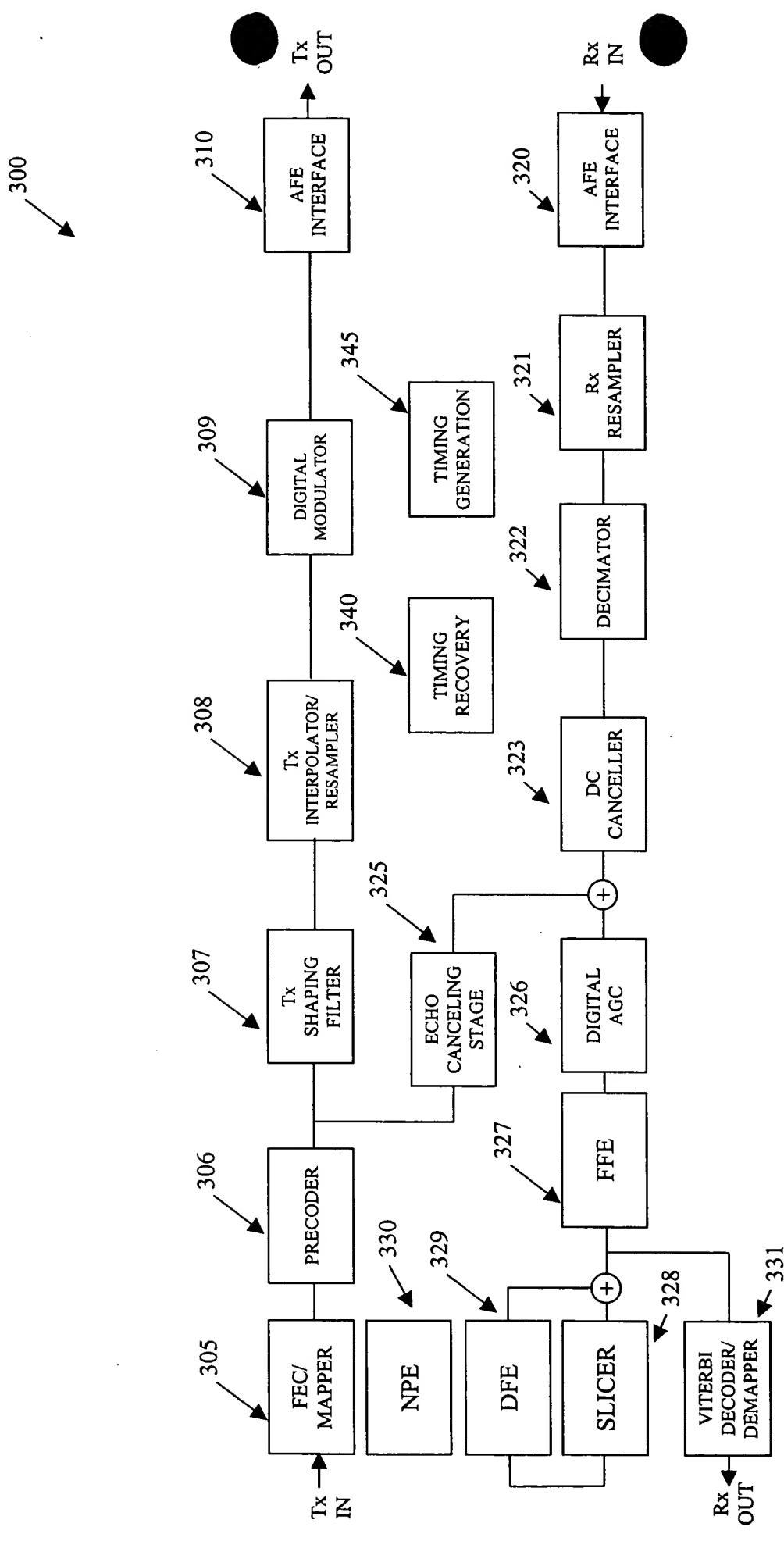


FIGURE 2

FIGURE 3



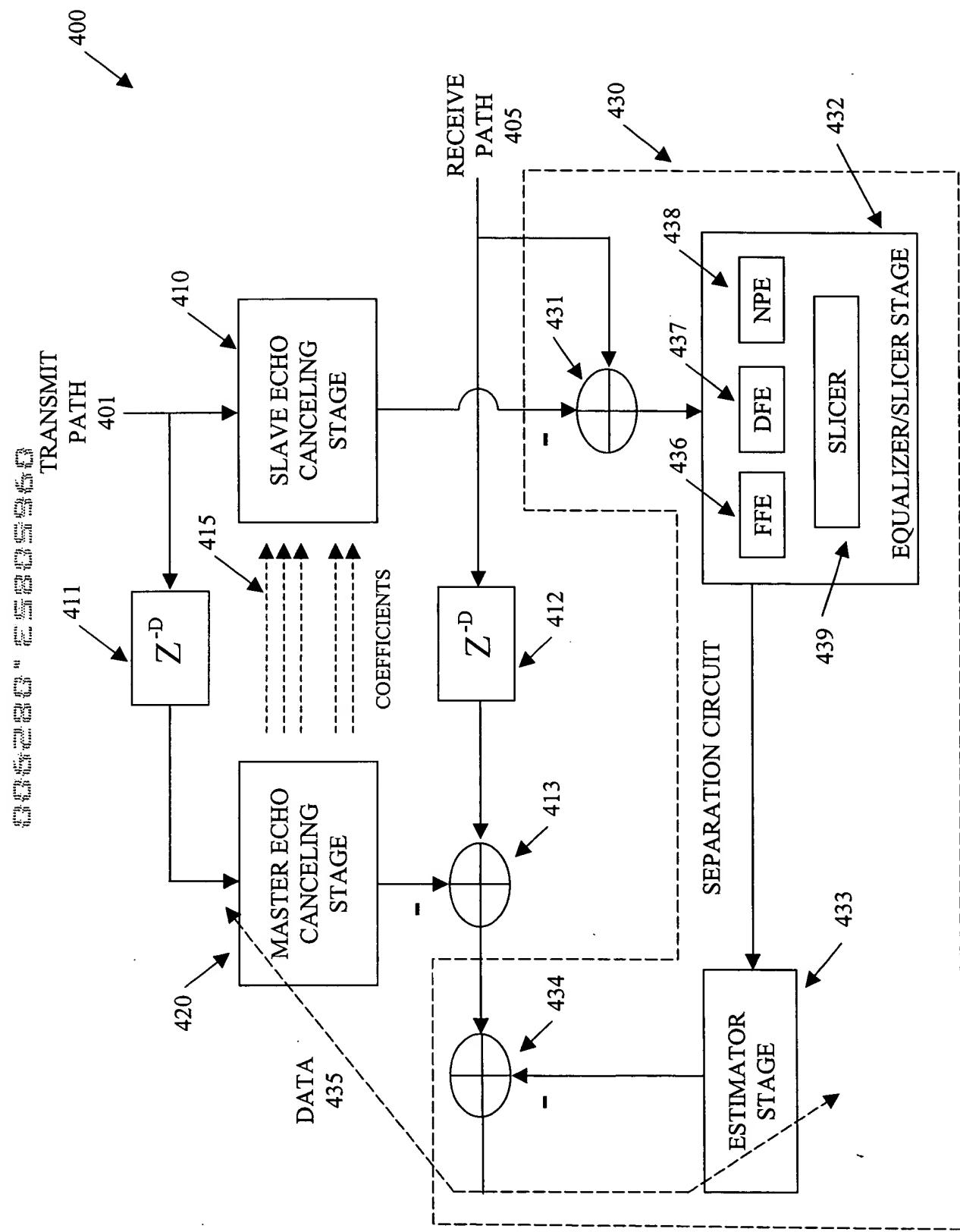
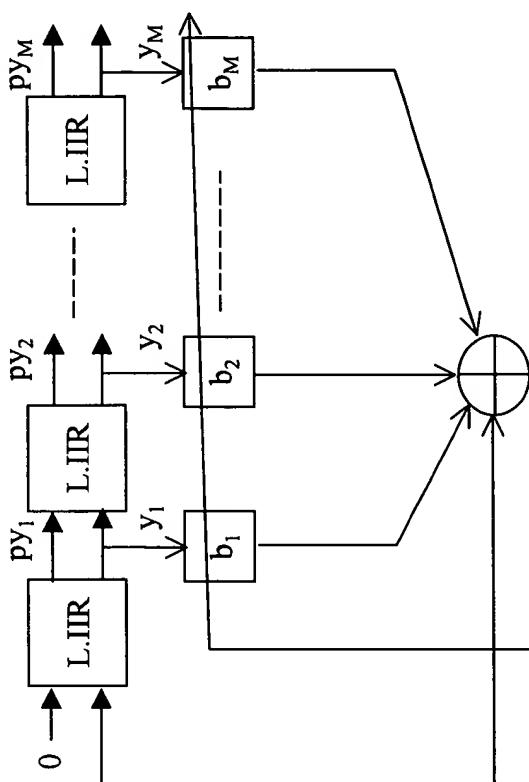


FIGURE 4

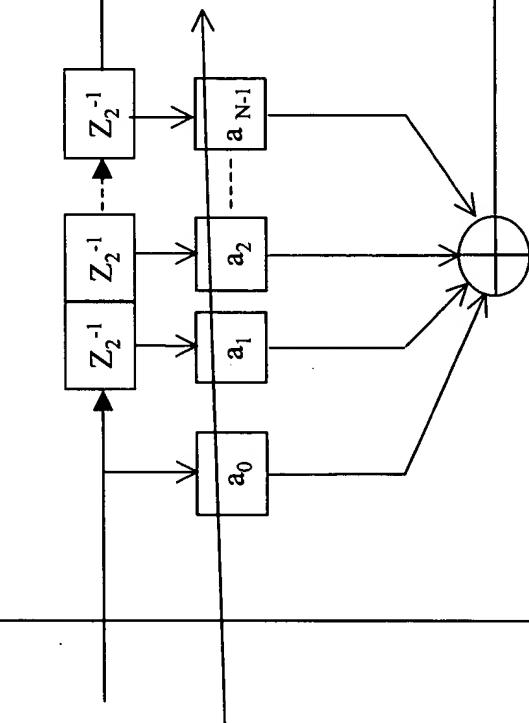
500

520

## IIR FILTER



## FIR FILTER

ESTIMATED ECHO SIGNAL  
ECHO RESIDUAL LEVEL

RECEIVED SIGNAL

530

 $C$ 

1

## DC CANCELLER

FIGURE 5